

L 45918-66

ACC NR: AP6028621

cept the single crystal, but the low temperature desorption peak became less prominent with decreasing grain size of the target and was entirely absent with the single crystal target. It is concluded that the low temperature desorption peak is due to ions adsorbed in the boundaries between the grains, and that the high temperature desorption peak is due to ions adsorbed on the crystal surfaces themselves and in the crystal lattice. The adatoms adsorbed in the grain boundaries were bound with binding energies between 25 and 35 kilocalories/mole and were desorbed at 300 to 350° C; those adsorbed on the crystal faces were held in the lattice with binding energies between 45 and 50 kilocalories/mole and were desorbed at 600 to 700° C. Helium² adsorbed on the single crystal was desorbed at an appreciably higher temperature than were argon or neon. Orig. art. has: 5 figures and 3 tables.

SUB CODE: 20

SUBM DATE: 16Jun65

ORIG. REF: 001

OTH REF: 005

Card 2/2 mjs

AMINOVA, R.Kh., kand. ist. nauk; TETENEVA, L.G., kand. ist. nauk;
ALIMOV, I.A.; DMITRIYEV, G.L.; DZHAMALOV, O.B., doktor
ekon. nauk, redaktor; DZHURAYEVA, T., kand. ist. nauk,
red.; AUFENYUK, S.Ya., red.; DANILOV, V.P., glav. red.;
BELOV, G.A., red.; GRIGOR'YAN, L.L., red.; IBRAGIMOV, Z.I.,
red.; IVNITSKIY, N.A., red.; IL'YASOV, S.I., red.; KAKABAYEV,
S.D., red.; KAMENSKAYA, N.V., red.; KRAYEV, M.A., red.;
KULIYEV, O.K., red.; MAKHARADZE, N.B., red.; OBICHKIN, G.D.,
red.; PLESHAKOV, S.T., red.; RADZHABOV, Z.I., red.; SELEZNEV,
M.S., red.; TURSUNBAYEV, A.B., red.; FEDOROV, A.G., red.;
SHEPELEVA, T.V., red.; PATLAKH, B., red.; MASHARIPOVA, D.,
red.; BULATOVA, R., red.; GOR'KOVAYA, Z.P., tekhn. red.;
KARABAYEVA, Kh.U., tekhn. red.

[Socialist reorganization of agriculture in Uzbekistan]
Sotsialisticheskoe pereustroistvo sel'skogo khoziaistva v Uz-
bekistane, 1917-1926 gg. Pod red. O.B.Dzhamalova. Tashkent,
Izd-vo Akad. nauk UzSSR. Vol.1. 1962. 792 p. (MIRA 16:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut istorii i
arkheologii.

(Uzbekistan--Agriculture)

KHALILOVA, S.G.; RADZHABOVA, D.A.

The mite Bryobia redikorzevi Reck as a fruit tree pest in Azerbaijan.
Uch. zap. AGU. Biol. ser. no. 4:49-56 '60. (MIRA 14:5)

(Azerbaijan--Red spider) (Fruit trees--Diseases and pests)

FADZHATOVA, Fh. N.

"Certain New Examples of the Element-Organic Synthesis of Tertiary Alcohols." Thesis for degree of Cand. Chemical Sci. Sub 29 Nov 49, Inst of Organic Chemistry, Acad Sci USSR.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

RADZHABOVA, T.K.

Effect of mineral fertilizers on the quality of green tea
leaves. Izv.AN Azerb.SSR.Ser.biol.i med.nauk. no.5:45-49 '62.
(MIRA 15:9)
(AZERBAIJAN--TEA--FERTILIZERS AND MANURES)

MIRZOYAN, A.T.; RADZHABOVA, T.K.

Qualitative determination of free amino acids in green tea leaves
by the method of distributive chromatography on paper. Dokl.
AN Azerb. SSR 18 no.5:41-43 '62. (MIRA 15:7)

1. Institut pochvovedeniya i agrokhimii AN AzSSR.
Predstavleno akademikom AN AzSSR G.A. Aliyevym.
(Tea) (Chromatographic analysis) (Amino acids)

GUSEYNOV, R.K.; MIRZOYAN, A.T.; RADZHABOVA, T.K.

Quantitative determination of free amino acids in a green
tea leaf. Dokl. AN Azerb. SSR 20 no.8:85-87 '64.

(MIRA 17:12)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR. Predstavleno
akademikom AN AzerSSR G.A. Aliyevym.

MIKHANT'YEV, B.I.; RADZHYUNAS, L.V.

Vinyl ethers of o- and m-hydroxydiphenylamines. Izv.vys.ucheb.zav.;
khim.i khim.tekh. 6 no.4:697-698 '63. (MIRA 17:2)

1. Voronezhskiy gosudarstvennyy universitet. Kafedra khimii vysokomolekulyarnykh soyedineniy.

MIKHANICH'YEV, B.I.; RADZHYUNAS, L.V.

Vinyl ethers of some p-aminophenols. Zhur. ob. khim. 34 no.10:
3424-3425 O '64. (MIRA 17:11)

1. Voronezhskiy gosudarstvennyy universitet.

I 22031-66 ENT(m)/ENP(j) GS/RM
ACC NR: AT6005935

SOURCE CODE: UR/0000/63/000/000/0024/0027

3/
B+1

AUTHORS: Mikhant'yev, B. I.; Radzhyunas, L. V.

ORG: Laboratory for the Chemistry of High-Molecular-Weight Compounds, Voronezh State University (Laboratoriya khimii vysokomolekulyarnykh soyedineniy Voronezhskogo gosudarstvernogo universiteta)

TITLE: Vinylation of aminophenols

SOURCE: Voronezh. Universitet. Laboratoriya khimii vysokomolekulyarnykh soyedineniy. Trudy, no. 2, 1963. Monomery, khimiya i tekhnologiya SK (Monomers, chemistry, and technology of synthetic rubber), 24-27

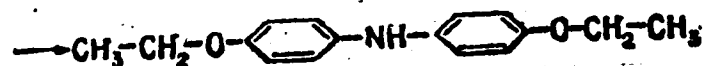
TOPIC TAGS: organic nitrogen compound, organic synthetic process, aromatic ether, aromatic hydrocarbon, phenol

ABSTRACT: This investigation is a continuation of work published by B. I. Mikhant'yev and V. B. Mikhant'yev (ZhOKh, 31, 3050, 1961). The aminophenylvinyl ethers, m-aminophenylvinyl ether and n,n'-divinylidiphenylamine ether were synthesized after the method of A. Ye. Favorskiy and M. F. Shostakovskiy (ZhOKh, 13, 1, 1943). The reactions were carried out according to the schemes:

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L 22031-66

ACC NR: AT6005935



Reaction yields, melting points, molecular weights and elemental composition of the synthesized compounds are presented. Orig. art. has: 4 equations.

SUB CODE: 07/

SUBM DATE: none/

ORIG REF: 003/

OTH REF: 003

Card 2/2 dda

L 22030-66 EWT(m)/EWP(i) IJP(c) GS/RM
ACC NR: AT6005936 (A)

SOURCE CODE: UR/0000/63/000/000/0028/0035

AUTHORS: Mikhan't'yev, B. I. ; Radzhyunas, L. V.

ORG: Laboratory for the Chemistry of High-Molecular-Weight Compounds, Voronezh State University (Laboratoriya khimii vysokomolekulyarnykh soyedineniy Voronezhskogo gosudarstvennogo universiteta)

TITLE: Vinylation of aminophenols containing a tertiary nitrogen atom
SOURCE: Voronezh. Universitet. Laboratoriya khimii vysokomolekulyarnykh soyedineniy. Trudy, no. 2, 1963. Monomery, khimiya i tekhnologiya SK (Monomers, chemistry, and technology of synthetic rubber), 28-35

TOPIC TAGS: organic nitrogen compound, organic synthetic process, aromatic ether, aromatic hydrocarbon, monomer

ABSTRACT: This investigation is an extension of the works published by B. I. Mikhan't'yev and V. B. Mikhan't'yev (ZhOKh, 31, 3050, 1961) and by B. I. Mikhan't'yev and L. B. Radzhyunas (Izv. vysshikh uchebnykh zavedeniy. Khimiya i khim. tekhnologiya, 6, vyp. 4, 697, 1963). In this study m-(N,N-diethyl)-aminophenylvinyl ether, m-(N,N-dimethyl)-aminophenylvinyl ether, and p-(N,N-dimethyl)aminophenylvinyl ether were synthesized after the method of A. B. Favorskiy and M. F. Shostakovskiy (ZhOKh, 13, 1, 1943). Picrates of the vinyl and ethyl ethers were also synthesized. The product yields, melting points, boiling points, refractive indices, and molecular

Card 1/2

L 22030-56

ACC NR: AT6005936

composition of the derived compounds are tabulated. It was found that the yields of monomers depended on the temperature and on KOH concentration of the reaction mixture (see Fig. 1).

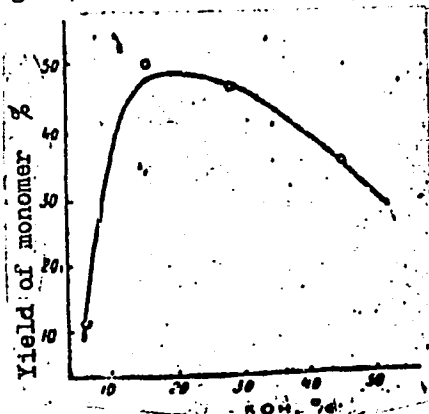


Fig. 1. Yield of monomer as a function of KOH concentration of this solution.

Orig. art. has: 4 tables and 2 graphs.

SUB CODE: 07/ SUBM DATE: none/

ORIG REF: 002/

OTH REF: 008

Card. 2/2 dda

MATULIS, Yu.Yu. [Matulis, J.]; PABZHEVINE, A.S. [Pavzhene, A.];
BURYALIS, Yu.S. [Rubelis, J.]

Action of some brightening agents on cathodic potential in the
discharge of nickel ions in the unsteady state. Trudy AN Lit.
SSR. Ser. B no.3:9-24 '65. (MIRA 19:1)

1. Institut khimii i khimicheskoy tekhnologii AN Litovskoy SSR.
Submitted April 5, 1965.

WILKINSON, JAMES.

ARTICLE BY

WILKINSON, JAMES. "Wielki postrzałowe srociotowane wyslusz i broda
pala. Warszawa. Wydawn. Prace, 1957. 247p.

Monthly List of East European Accessions (MEMI) 10 Vol. 8, no. 5
May 1959, Unclass.

RADZICKI, K., doc.

Obtaining of iron-nickel by the Ugine-Perrin method in the United States. Hutnik P 28 no.7/8:298-300 J1-Ag '61.

BERNATOWICZ, S.; RADZIEJ, J.

Quantitative studies on the vascular flora of Lake Dobskie. Polskie
arch hydrobiol 7:29-60 '60. (EEAI 10:3)
(Poland--Fresh-water flora)

BERNATOWICZ, T., RADZIEJ, J.

Annual production of macrophyte in the Mamy Lake complex.
Polskie arch hydrobiol 12 no.3:307-348 '64.

1. Laboratory for Lake Farming, Gizycko, of the Institute of
Inland Water Fisheries. Submitted December 20, 1963.

ORLA, Janina; KRZYŻANOWSKA, Regina; RADZIWIŁŁOWSKI, Mieczysław

The course of pregnancy, labor and puerperium in women with heart defects. Ginek. Pol. 35 no.6:807-814 N-3 '62

1. z Kliniki Położnictwa i Chorob Pociągłych Instytutu Matki i Dziecka w Warszawie (Kierownik prof. dr. med. J. Lesiński) i
2. Kliniki Kardiologicznej Instytutu Doskonalenia Lekarzy przy Akademii Medycznej w Warszawie (Kierownik prof. dr. med. S. Kara).

SOBIESKI, Franciszek, in z.; KAMIEJOWSKA, Irena

The Cellulose and Paper Works in Wloclawek are heading toward modern techniques. Przegl techn 84 no.50:5,8 15 D '63.

RYDZ, Zbigniew, mgr inż.; RADZIEJOWSKA, Lila, inż.

Washable wallpapers and self-gluing films as new wall finishing materials. Inst tech budow inf no.12:29-31 '63.

1. Zaklad Tworzyw Sztucznych, Instytut Techniki Budowlanej, Warszawa.

RADZIK, Marian

Observations concerning familial and uni-ocular trachoma. Klin.
oczn. 30 no.3:291-294 '60.

1. Z Kliniki Chorob Oczu A.M. w Krakowie Kierownik: prof. dr med.
M.Wilczek.
(TRACHOMA)

STEPANOV, V.N., doktor geogr.nauk, otv.red.; BEZRUKOV, P.L., doktor
geol.-mineral.nauk, red.; LONGINOV, V.V., kand.geograf.nauk, red.;
RADZIKHOVSKAYA, M.A., kand.geograf.nauk, red.; PANFILOVA, S.G.;
kand.geograf.nauk, red.; KOZLYANINOV, M.I., kand.geogr.f.nauk, red.;
PELEVIN, V.I., red.; TUGARINOV, D.N., red.izd-va; NOVICHKOVA, D.N.,
tekhn.red.

[Basic geological and hydrological features of the Sea of Japan]
Osnovnye cherty geologii i gidrologii Iaponskogo moria. Moskva,
1961. 223 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut okeanologii.
(Japan, Sea of--Submarine geology)
(Japan, Sea of--Hydrology)

RADZIKHOVSKAYA, M.A.

Volumes of basic water masses of the southern part of the
Pacific Ocean. Okeanologiya 5 no.5:803-805 '65.

(MIRA 18:11)

1. Institut okeanologii AN SSSR.

DOBROVOL'SKIY, A.D.; RADZIKHOVSKAYA, M.A.; LEONT'YEVA, V.V.

Deep-sea hydrologic studies of the Pacific Ocean. Trudy Inst.ocean. 60:
130-141 '62. (MIRA 17:1)

LEONT'YEVA, V.V.; RADIKHOVSKAYA, M.A.

Definition of hydrologic structures and water masses in the ocean.
Trudy Inst. okean. 66:79-90 '63. (MIRA 16:10)

KARAVAYEVA, V.I.; RADZHIKHOVSKAYA, M.A.

Volumes of basic water masses of the northern part of the
Pacific Ocean. Okeanologiya 5 no.2:230-234 '65.

(MIRA 18:6)

1. Institut okeanologii AN SSSR.

RADZIKHOVSKAYA, R.M.

Specific antigen of nucleoprotein fraction of chicken sarcoma. Trudy
AMN SSSR 21 no.4:126-134 '52. (MLRA 10:8)

1. Iz virusnoy laboratorii (zav. - deystvitel'nyy chlen AMN SSSR
prof. L.A.Zil'ber) Instituta epidemiologii i mikrobiologii im.
N.F.Gamaleya.

(SARCOMA, experimental,
antigen of nucleoprotein fraction)
(ANTIGENS AND ANTIBODIES,
sarcoma nucleoprotein fraction antigen)
(NEOPLASMS, experimental,
sarcoma antigen of nucleoprotein fraction)
(NUCLEOPROTEINS,
antigens of sarcoma nucleoprotein fraction)

RADZIKHOVSKAYA, R.M.
ZIL'BER, L.A.; RADZIKHOVSKAYA, R.M.

Experimental studies on immunity to neoplasms. Part 1: Artificial immunization against Brown-Pearce carcinoma. Zhur.mikrobiol. epid. i immun. no.9:64-70 S '54. (MIRA 7:12)

1. Iz otdela virusologii (zav. prof. L.A.Zil'ber) Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamalei AMN SSSR (dir. prof. G.V.Vygodchikov).

(NEOPLASMS, experimental,

Brown-Pearce carcinoma, prev. vacc.)

(VACCINES AND VACCINATION,

Brown-Pearce carcinoma)

BAYDAKOVA, Z.L.; LEZHNEVA, O.M.; RADZIKHOVSKAYA, R.M.

Vaccination against rat and mouse sarcoma and Brown-Pearce carcinoma of rabbits. Vop.onk. 1 no.5:10-14 '55. (MLRA 10:1)

1. Iz otdela virusologii (zav. - L.A.Zil'ber) Instituta epidemiologii i mikrobiologii imeni N.F.Gamaleya (dir. - G.V.Vygodchikov). Adres avtorov: Moskva D-182, Shchukinskaya ul., d.33. Institut epidemiologii i mikrobiologii im. N.F.Gamaleya.

(VACCINES AND VACCINATION,

Brown-Pearce carcinoma & sarcoma in mouse & rats)

(NEOPLASMS, experimental,

Brown-Pearce carcinoma & mouse & rat sarcoma, vacc.)

(SARCOMA, experimental,
vacc.)

RADZIKHOVSKAYA, R. M. and ZIL'BER, L. A.

"Experimental Study of Immunity to Tumors." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Division of Virology, Zil'ber, L. A. professor, Active Member, Academy of Medical Sciences USSR, Epidem and Microbiol im. Gamaleya AMS USSR Inst.

SO: Sum 1186, 11 Jan 57.

RADZIKHOVSKAYA, R. M., and BAYDAKOVA, Z. L.

"Artificial Immunization Against Malignant Growths" [paper read at an unidentified scientific conference held by the institute during the first half of 1954.] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Division of Virology, Zil'ber, L. A., professor, Active Member, Academy of Medical Sciences USSR, head, Inst Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

RADZIKHOVSKAYA, R.M.

[How th human body fights microbes] Kak organizm cheloveka boretsia
s mikrobami. Moskva, Medgiz, 1956. 30 p. . (MLRA 10:2)
(BACTERIA) (ANTIGENS AND ANTIBODIES)

RADZIKHOVSKAYA, R.M. (Moskva, I-51, 2-y Volkonskiy per., d.3, kv.5.)

Role of antibodies in cancer immunity. Vop.onk. 4 no.2:
234-244 '58. (MIRA 12:8)

1. Iz laboratorii immunologii i zlokachestvennykh opukholey
(zav. - deystv.chlen AMN SSSR prof.L.A.Zil'ber) Instituta
epidemiologii i mikrobiologii im. Gamaleya AMN SSSR (dir. -
prof.S.N.Muromets).

(NEOPLASMS, immunol.

antibodies in cancer immun., review (Rus))

GARDASH'YAN, A.M. (Moskva, B. 78, Sadovo-Spasskaya ul., d. 19, kv. 149);
RADZIKHOVSKAYA, R.M.

Detection of antibodies in the complement fixation reaction in
rabbits immunized by various vaccines from Brown-Pearce carcinoma
[with summary in English]. Vop.onk. 4 no.6:655-659 '58.
(MIRA 12:1)

1. Iz otdela immunologii i zlokachestvennykh opukholey (zav. -
prof. L.A. Zil'ber) Instituta epidemiologii i mikrobiologii imeni
N.F. Gamalaya AMN SSSR (dir. - prof. S.N. Muromtsev).

(NEOPLASMS, immunol.

antibodies in complement fixation reaction in rabbits
immunized by Brown-Pearce carcinoma vaccines (Rus))

(COMPLEMENT,
same)

EXCERPTA MEDICA Sec 16 Vol 7/1 Cancer Jan 59

99. *The role of antibodies in anti-tumour immunity (Russian text)* RADZIKHOVSKAYA R. M. Gamaleya Inst. of Epidemiol. and Microbiol., USSR Acad. of Med. Sci., Moscow *Byull. Eksper. Biol. i Med.* 1958, 45/5 (89-93) Tables 2

Serum or splenic and lymph node tissue from rabbits immune to the Brown-Pearce carcinoma were administered to rabbits that were subsequently grafted with the tumour. In a number of cases (no quantitative data in the English summary) complete or partial inhibition of tumour growth was observed.

RADZIKHOVSKAYA, R.M.

Transplantation of Brown-Pearce rabbit carcinoma to young rats.
Vop.onk. 5 no.10:410-415 '59. (MIRA 13:12)
(CANCER-TRANSPLANTATION)

RADZIKHOVSKAYA, R.

Report on the activities of an All-Union Conference on the
Coordination of Work in the Field of Oncology. Vop. virus.
5 no. 1:123 Ja-F '60. (MIRA 14:4)
(CANCER RESEARCH—CONGRESSES)

RADZIKHOVSKAYA, R.M. —

Appearance of immunity to tissues observed during their transplan-
tation. Vop. onk. 6 no.4:95-108 Ap '60. (MIRA 14:3)
(TUMORS—TRANSPLANTATION)

RADZIKHOVSKAYA, R.M. (Moskva, I-51,2-y Volkonskiy per.3,kv.5)

Creation of tolerance to the Brown-Pearce tumor in rats by means of
blood and extracts from various organs of rabbits. Vop. onk. 7
no. 4:27-30 '61. (MIRA 14:4)

1. Iz laboratorii immunologii Instituta eksperimental'noy i
klinicheskoy onkologii AMN SSSR (vas. - deystvitel'nyy chlen
AMN SSSR prof. L.A. Zil'ber, dir. - deystvitel'nyy chlen AMN
SSSR prof. N.N. Blokhin).
(CANCER) (TISSUE EXTRACTS)

RADZIKHOVSKAYA, R. M.; GARDASH'YAN, A. M.

Hemagglutination reaction with Brown-Pearce tumor antigens. Vop.
onk. 7 no.7:21-24 '61. (MIRA 15:2)

1. Iz otdela immunologii i onkologii (zav. - prof. L. A. Zil'ber)
Instituta epidemiologii i mikrobiologii im. N. F. Gamaleya (dir. -
prof. S. N. Muromtsev). Adres avtorov: Moskva, Shchukinskaya, 33,
Institut epidemiologii i mikrobiologii.

(BLOOD—AGGLUTINATION) (CANCER)
(ANTIGENS AND ANTIBODIES)

RADZIKHOVSKAYA, R.M.

Study of tolerance and the "potentiation phenomenon" on a model of Brown-Pearce rabbit carcinoma. Biul.eksp.biol.i med. 53 no.6:66-68 Je '62. (MIRA 15:10)

1. Iz laboratorii immunologii (zav. - deystvitel'nyy chlen AMN SSSR L.A.Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deystvitel'nyy chlen AMN SSSR N.N.Blokhin) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR L.A. Zil'berom.

(CANCER)

RADZIKHOVSKAYA, R. M. (Moskva, I-51, 2-y Volkonskiy per., 3, kv. 5)

Creation of tolerance in young rats to Brown-Pearce carcinoma
using noncellular material. Vop. onk. 8 no.7:28-31 '62.
(MIRA 15:7)

1. Iz laboratorii immunologii (zav. - deystv. chl. AMN SSSR,
prof. L. A. Zil'ber) Instituta eksperimental'noy i klinicheskoy
onkologii AMN SSSR (dir. - deystv. chl. AMN SSSR, prof. N. N.
Blokhin)

(CANCER RESEARCH)

RADZIKHOVSKAYA, R.M. (Moskva, -51, 2-y Volkonskiy per., 3, kv. 5.)

Duration of the adaptive period and the length of preservation of the immunological tolerance for Brown Pearce carcinoma in rats. Vop onk. 8 no. 10:56-59 '62. (MIRA 17:7)

1. Iz laboratorii immunologii (zav.-deystvitel'nyy chlen AMN SSSR, prof. L.A.Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR, prof. N.N.Blokhin).

RADZHIKHOVSKAYA, R.M.

Inhibition of antibody production in response to antigens of normal and tumor-bearing rabbit tissues in the organisms of rats with developed tolerance. Vop. onk. 8 no.11:8-10 '62. (MIRA 17:6)

1. Iz laboratorii immunologii (zav.- deystvitel'nyy chlen AMN SSSR, prof. L.A. Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR, prof. N.N. Blokhin).

RADZIKHOVSKAYA, R.M. (Moskva, 1-51, 2-y Volkonskiy pereulok, 3, kv.5)

Biological and antigenic properties of the rabbit Brown-Pearce tumor passed on tolerant rats. Vop. onk. 9 no.6:52-55 '63.
(MIRA 17:8)

1. Iz laboratorii immunologii (zav. - deystvitel'nyy chlen AMN SSSR prof. I.A. Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin).

AMIRAN, A.M.

Possibility of using freeze deproteinization and ultracentrifugation for the purification of haus' virus. Biol. eksp. biol. 1965, 5: no. 6: 124-126. 1965. (MIRA 14:6)

1. Laboratoriya etiologii leykozev (zav. - doktor med. nauk N.P. Mikheevskiy) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deyatel'nyy chlen AN SSSR prof. N.N. Blokhin) AN SSSR, Moskva.

RAIZIKHOVSKAYA, R.M.

Resistance to the virus and cell antigens of Rous sarcoma.
Vop. onk. 11 no.1:39-43 '65. (MIRA 18:6)

1. Iz laboratorii etiologii lēykozov (zav. - doktor med.nauk
N.P.Mazurenko) Instituta eksperimental'noy i klinicheskoy
onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof.
N.N.Blokhin).

ACC NR: AP0031516 SOURCE CODE: UR/0073/66/032/009/0926/0929

AUTHOR: Bukhanovich, V. F.; Radzikovskaya, S. V.

ORG: Institute of the Science of Materials, AN UkrSSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: Preparation and properties of tantalum disulfide

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 9, 1966, 926-929

TOPIC TAGS: refractory compound, tantalum compound, tantalum disulfide, inorganic synthesis, high temperature oxidation, chemical resistance

ABSTRACT: Preparation and properties of tantalum disulfide have been studied to supplement literature data on sulfides of refractory transition metals. Direct reaction of the powdered metal with hydrogen sulfide was selected as the method of preparation most adaptable to industrial processes and susceptible to yield single-phase tantalum sulfides. Stoichiometric tantalum disulfide (TaS_2) in powdered form was obtained by reacting at 1400C 99.9% tantalum metal with hydrogen sulfide which was prepared in situ from hydrogen and sulfur vapors. The lattice parameters and pycnometric density of the product were found to be in agreement with literature data and with the calculated value, respectively. The TaS_2 product was found to be stable in boiling

Card 1/2 UDC: 546.883

L 45583-66

ACC NR: AP6031516

water and HCl but decomposed completely by heating in oxidizing reagents, e.g., concentrated H_2SO_4 , HNO_3 , H_2O_2 . TaS_2 was resistant to oxidation in an oxygen stream up to 300C. In oxygen at 500C, TaS_2 was completely oxidized to tantalum pentoxide and sulfur dioxide. Orig. art. has: 3 tables and 2 figures. [JK]

SUB CODE: 07/ SUBM DATE: 20Mar65/ ORIG REF: 001/ OTH REF: 004
ATD PRESS: 5082

Card 2/2 LC

RABZINOVSKIY, B. L.

RABZINOVSKIY, B. L. "The local use of penicillin in serpiginous ulcers of the cornea and other diseases of the forward eye section", Oftalmol. zhurnal, 1948, No. 4, p. 165-70.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

RADZIKOVSKIY, B. I.

"Indicator for the Projection of Defective Eye Base and Intraocular Foreign Bodies on the Surface of the Sclera," Vest. Oftalmol., 27, No. 3, 1948; Prof. Eye Clinic, Chernovitskiy State Med. Inst., -c1948-.

RADZIKHOVSKIY, P. I.

33585. O Rentgenolokalizatsii I Udaleni Inorodnykh Tel Orbits. Uchen. Zapiski
(chernovits. Gos. Ped. In-t), T. 1, 1949, c. 49-53

SO: Letopis'nykh Statey, Vol. 45, Moskva, 1949

RADZIKHOVSKIY, F. I.

"Clinical Symptoms of Ophthalmopathy following Relapsing Fever," *ibid.*, 28, No. 3, 1949. Prof., Eye Clinic, Chernovity State Med. Inst., -c1949-.

RADZIKHOVSKIY, B. L.

New method in application of corneal sutures. Vest. oft. 29:4,
July-Aug. 50. p. 37-8

1. Of the Clinic for Eye Diseases (Director—Prof.
B. L. Radzikhovskiy) Chernovitsay Medical Institute.

GLML 19, 5, Nov., 1950

RADZIKHOVSKIY, B. L.

Blepharostat of new construction. Vest. oft. 29:6, Nov.-Dec. 50.
p. 39-40

1. Of the Clinic for Eye Diseases (Director — Prof.
B. L. Radzikhovskiy), Chernovitsy Medical Institute (Director —
Docent D. S. Lovlya).

CIML 20, 3, March 1951

RADZIKHOVSKIY, B.L.

Vacuum Tonometer. Vest.oft. 30 no.2:37-40 Mar-Apr 1951. (CML 20:9)

1. Professor. 2. Of the Eye Clinic (Director--Prof. B.L. Radzhikhovskiy), Chernovitsy Medical Institute (Director--Docent D.S. Lovlya).

RADZIKHOVSKIY, B.L.

Subconjunctival injection of physiological solution as scotometric
test for the diagnosis of glaucoma. Vest. oft., Moskva 31 no.6:17-20
Nov-Dec 1952. (CJML 23:4)

1. Professor. 2. Of the Eye Clinic of Chernovitsy Medical Institute.

TREPHINE

"A New Model of a Trephine for Corneoscleral Trephination and Posterior Sclerectomy,"
by B.L. Radzikhovskiy, Clinic of Eye Diseases of the Chernovtsy Medical Institute,
Vestnik Oftalmologii, No 1, Jan-Feb 1957, pp 40-41.

According to Elliot's method, the most common operation in glaucoma is a corneo-scleral trephination. B.L. Radzikhovskiy, however, considers that the trephines used by Eliot, Zimmermann, Kihnt and Walker up till now were all deficient because of the fact that operations were performed blindfolded.

The author, therefore, constructed a new model of a trephine which permits visual observation during the whole process of trephination. A picture and description of the trephine are given.

It is claimed that with the new trephine, even a beginner in ophthalmological surgery need not have any difficulty in performing the most essential act of the operation, i.e., the excision of a disc from the cornea, since throughout the whole procedure he can follow the trephination visually.

EXCERPTA MEDICA Sec 12 Vol 13/8 Ophthalmology Aug 59

1191. TECHNIQUE OF MEASURING THE DIAMETER OF THE PUPILS (Russian text) - Radzikhovskiy B. L. and Vodovozov A. M. - OFTALM. Zh. 1957, 5 (313-314)

On a plate of thin transparent cellophane (washed-off photographic film can be used) little circles, ranging from 1.5 to 8 mm. in diameter and differing from each other by steps of 0.5 mm. are placed along a single line. The circles are cut out accurately. When measuring, the film is placed before the eye of the subject and is brought close up to the apex of the cornea. For a more exact determination of the diameter of the pupils the authors propose the use of a cellophane rule for measuring the little circles of the tonograms, attached to the set of tonometers for elastotonometry of the 'Krasnogvardeets' (Red Guard) factory. (S)

RADZIKHOVSKIY, B.L., professor

Further improvement in the author's method of gonioscopy. Oft.zhur.
12 no.2:76-78 '57. (MIRA 10:11)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(ORTHALMOSCOPY)

RADZIKHOVSKIY, B.L.

New model for corneoscleral trepanation and posterior sclerectomy.
Vest. oft. 70 no.1:40-41 Ja-F '57 (MLRA 10:5)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo
instituta.

(CORNEA, surg.

new trepan model for corneoscleral trepanation) (Rus)

(SCLERA, surg.

new trepan model for corneoscleral trepanation &
posterior sclerectomy) (Rus)

RADZIKHOVSKIY, B.L., prof.

Author's method of gonioscopy using a convex lens. Oft.zhur. 13
no.4:199-201 '58 (MIRA 11:8)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L. Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L., prof.

Pathogenesis of glaucoma. Oft.zhur. 14 no.3:140-144 '59.

(MIRA 12:6)

1. Iz kliniki glaznykh bolezney (zav. - prof.B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(GLAUCOMA)

RADZIKHOVSKIY, B.L., prof.; TITENKO, K.S., kand.med.nauk

Report on the work of the Chernovtsy Ophthalmological Society for
1958. Oft.zhur. 14 no.6:380-381 '59. (MIRA 13:4)

1. Predsedatel' pravleniya Chernovitskogo oftal'mologicheskogo ob-
shchestva (for Radzhikhovskiy). 2. Sekretar' pravleniya Chernovit-
skogo oftal'mologicheskogo obshchestva (for Titenko).
(CHERNOVTSY--OPHTHALMOLOGICAL SOCIETIES)

RADZIKHOVSKIY, B.L., prof.; VODOVOZOV, A.M., kand.med.nauk; YEVSTUGOV, L.M.,
inzh.

Transplantation of a cornea frozen and dried in a vacuum apparatus.
Oft.zhur. 14 no.8:485-488 '59. (MIRA 13:4)

1. Iz kliniki glaznykh bolezney (zaveduyushchiy - prof. B.L. Radzi-
khovskiy) Chernovitskogo meditsinskogo instituta.
(CORNEA--TRANSPLANTATION)

RADZIKHOVSKIY, B.L., prof.

Magnetic trephine for the excision of a disk in partial penetrating corneal transplantation. Oft.zhur. 14 no.8:496-498 '59.

(MIRA 13:4)

1. Iz kliniki glaznykh bolezney (zaveduyushchiy - prof. B.L. Radzhikovskiy) Chernovitskogo meditsinskogo instituta.

(CORNEA--TRANSPLANTATION) (EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L., prof.

New model of binocular magnifier. Lft.zhur. 15 no.7:439-440 '60.
(MIRA 13:11)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L.

Iridencleisis operation as modified by the author (trepanoiridencleisis).

Vest. oft. 73 no. 3:30-34 My-Je '60.

(MIRA 14:1)

(GLAUCOMA) (IRIS (EYE)—SURGERY)

RADZIKHOVSKIY, B.L.

New method of direct ophthalmoscopy. Vest. oft. 73 no. 4:41-43
Jl-Ag '60.

(MIRA 14:1)

(OPHTHALMOSCOPY)

RADZIKHOVSKIY, B.L., prof.

New method of investigating the sensitivity of the cornea. Oft.
zhur. 16 no.1:40-43 '61. (MIFA 14:3)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(CORNEA)

RADZIKHOVSKIY, B.L., prof.

Change in the blind spot in various kinds of refraction while reading at a close distance. Oft. zhur. 16 no.5:294-301 '61. (MIRA 14:10)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(BLIND SPOT) (EYE--ACCOMODATION AND REFRACTION)

RADZIKHOVSKIY, B.L., prof.

Technique for removing secondary cataract. Oft.zhur. 16 no.6:369-
371 '61. (MIRA 14:10)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L. Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(CATARACT)

RADZIKHOVSKIY, Boris Leonidovich; BARBEL', I.E., red.; KHARASH,
G.A., tekhn. red.

[Myopia] Blizorukost'. Leningrad, Medgiz, 1963. 194 p.
(MIRA 16:7)

(MYOPIA)

RADZIKHOVSKIY, B.L. prof. (Chernovtsy)

Myopia. Med. sestra 22 no.8:34-39 Ag'63.
(MYOPIA)

(MIRA 16:10)

RADZIKHOVSKIY, B.L., prof.

New method of ophthalmoscopic examination of the extreme
periphery of the fundus oculi. Vest. oft. 76 no.1:73-74
Ja-F'63. (MIRA 16:6)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo
instituta.
(OPHTHALMOSCOPY)

RADZIKHOVSKIY, B.L., prof.

New methodology of determining 24-hour variations in intra-ocular pressure and its importance in the diagnosis of glaucoma. Vest. oft. 76 no.3:59-63 My-Je '63.

(MIRA 17:2)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo instituta.

RADZIKHOVSKIY, B.M.

621.317.39 : 621.317.2
✓ 2758. OSCILLOGRAPHIC RECORDING OF THE HYDRAULIC
SHOCK WAVES IN HIGH-PRESSURE PIPE LINES OF A WATER
POWER STATION. B.M. Radzikhovskiy.
Gidrotekh. Stroit., 1956, No. 8, 41-3. In Russian.

In a water power station, with 540 m head, oscillographic records were obtained of the shock waves by means of strain gauges attached to the steel pipes. Servomotor movement and governor travel of the Pelton turbines were also recorded on the same oscillogram. Shock waves caused by governor action on the dropping of load were observed for different loads. Highest pressure waves occur when the shutting time equals the travelling time of the reflected wave, whose arrival shows clearly on all the oscillograms. The average velocity of the travelling wave, in this case 1115 m/s is in good agreement with values calculated from pipe diameter and wall thickness, the latter not being constant over the pipe length of 2900 m. Information of this kind aids governor design.

F. Busemann

NS NS

RADZIKHOVSKIY, B.M., inzhener.

Oscillograph recording of hydraulic impact in high-pressure pipelines
in hydroelectric power stations. Gidr.stroi.25 no.8:41-43 S '56.
(Hydraulics) (MLBA 9:10)

RADZIKHOVSKIY, K.

Construction of the Wieprz-Krzna Canal. Gidr. i mel. 15 no.3:
52-54 Mr '63. (MIRA 16:4)

(Wieprz-Krzna Canal)

RADZIKHOVSKIY, K.B.

Valuable work by Polish scientists. Osn., fund. i mekh.grun.
8 no.1:39 '66. (MIRA 19:1)

RADZIKHOVSKIY, K.B.

Data on Czechoslovakian hydroelectric power stations (from
"Gospodarka Wodna," no.2, 1958). Energokhoz. za rub. no.2:
43-44 Mr-Apr '59. (MIRA 12:5)
(Czechoslovakia--Hydroelectric power stations)

RADZIKHOVSKIY, K.

Utilization of peat deposits in the Federal Republic of
Germany. Torf. prom. 38 no.7:28-29 '61. (MIRA 14:12)
(Germany, West--Peat soils)

RADZIKHOVSKIY, K.B.

Investigation and utilization of peat deposits in the Czechoslovak Socialist Republic and in the Hungarian People's Republic.
Torf. prom. 39 no.7:33-34 '62. (MIRA 16:8)

(Czechoslovakia—Peat industry)
(Hungary—Peat industry)

Radzikhovskiy, Yu. A.

27052

S/021/60/000/005/008/015

D210/D304

24.4200

AUTHOR: Radzikhovskiy, Yu. A.

TITLE: On the question of the frequency of free oscillations of hingeless parabolic arches

PERIODICAL: Akademiya nauk ukrayins'koyi RSR, Dopovidi, No. 5, 1960, 619-622

TEXT: The article discusses the effect on the lowest frequency of symmetric oscillation of a hingeless parabolic arch of the horizontal forces of inertia, and the longitudinal and transverse forces. The arch is taken to have moment of inertia $I = I_3 / \cos \phi$, and mass m , uniformly distributed along its curve. [Abstractor's note: I_3 and ϕ not defined]. The lowest frequency is found by the method of S.A. Bernshteyn (Ref. 1: Novyy metod opredeleniya chastot kolebanyy uprugykh sistem (A New Method for Determining the Oscillation of Frequency of

Card 1/5

27052

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D210/D304

On the question of the ...

Elastic Systems) Izd. Voenno-inzhenernoy akademii RKKA im. V.V. Kuybysheva, 1939). The first two traces of the spectral function are found to be

$$B_1 = \frac{ml_1^4}{EI_3} \left[\frac{1}{30} + \frac{1}{2} \cdot \frac{\alpha_1^2}{n^2} - \frac{2}{63 \left(1 + \frac{45}{4n^2} \right)} + \alpha_1^2 \left[\frac{1}{21} + \frac{1}{2n^2} - \frac{95}{2079 \left(1 + \frac{45}{4n^2} \right)} - \frac{23}{28 \left(1 + \frac{45}{4n^2} \right) n^2} - \frac{15}{4 \left(1 + \frac{45}{4n^2} \right) n^4} \right] \right]$$

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D210/D304

On the question of the ...

$$\begin{aligned}
 B_2 = & \left(\frac{ml_1^4}{10EI_3} \right)^2 \left[0,102293 - \frac{0,202901}{1 + \frac{45}{4n^2}} + \frac{0,100781}{\left(1 + \frac{45}{4n^2}\right)^2} + \right. \\
 & + \frac{\alpha_1^2}{n^2} 2,53968 + \frac{\alpha_1^4}{n^4} 33,3333 - \frac{\alpha_1^2}{n^2} \frac{7,69270}{1 + \frac{45}{4n^2}} + \\
 & + \alpha_1^2 \left[0,285314 - \frac{0,575027}{1 + \frac{45}{4n^2}} + \frac{1}{\left(1 + \frac{45}{4n^2}\right)^2} (0,290128 + \right. \\
 & \left. \left. + \frac{5,21542}{n^2} + \frac{23,3134}{n^4} \right) \right] + \alpha_1^4 \left[0,214547 + \frac{3,74780}{n^2} - \frac{1}{1 + \frac{45}{4n^2}} \times \right. \\
 & \left. \times \left(0,423085 + \frac{11,2824}{n^2} + \frac{100,575}{n^4} + \frac{300}{n^6} \right) + \right. \\
 & \left. + \frac{1}{\left(1 + \frac{45}{4n^2}\right)^2} \left(0,456950 + \frac{8,21429}{n^2} + \frac{37,5}{n^4} \right)^2 \right] \Bigg].
 \end{aligned}$$

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S/021/60/000/005/008/015
D210/D304

On the question of the ...

Here $n^2 = \frac{f^2 F_3}{I_3}$; $\alpha_1 = \frac{f}{l}$, l_1 is the half-length of the curve.

[Abstractor's note: Other symbols not defined]. The first root of the spectral function satisfies the inequality $\frac{1}{1 + B_{2k}} < \omega_1^2 < \frac{k^2}{1 + 2B_{2k} - B_k^2}$. The mass is considered to be distributed as shown in Fig. 1 where the coefficient ω_1 is known from the equations of the second traces of the arch. The expression for the frequency may be written $\omega_1 = \sqrt{\frac{E I_3}{m l^4}}$ where ν is

the coefficient of frequency. The graphs of n against ν and ν against α are drawn, where $\alpha = f/l$. Examination of these graphs shows that for $\alpha < 0.2$ the horizontal forces of inertia may be ignored and for $\alpha > 0.2$ the longitudinal and transverse forces may be ignored. There are 3 figures and 3 Soviet-bloc references.

ASSOCIATION: Dnipropetrovs'kyi instytut inzheneriv zaliznychnoho transportu (Dnepropetrovsk Institute of Railway Engineers)

Card 4/5

RADZIKHOVSKIY, Yu.A. [Rdzikhovs'kyi, Iu.A.] (Dnepropetrovsk)

Vibrations of flat parabolic arches. Prykl.mekh. 6 no.1:54-64
'60. (MIRA 13:6)

1. Dnepropetrovskiy institut inzhenerov transporta.
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A., inzh.

Frequencies of natural vibrations of parabolic arches. Trudy
DIIT no.31:110-118 '61. (MIRA 15:5)
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A., inzh.

Natural vibrations of shallow compressed and bent parabolic
arches. Trudy DIIT no.31:119-131 '61. (MIRA 15:5)
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A. [Radzikhovs'kyi, IU.A.] (Dnepropetrovsk)

Bilateral estimation of highest multiple characteristics of matrix
numbers. Prykl.mekh. 7 no.5:561-563 '61. (MIRA 14 10)

1. Dnepropetrovskiy institut inzhenerov transporta.
(Matrix mechanics)

L 3357-66 EAT(1)/EAP(e)/EAT(m)/EAP(w)/EAP(l)/ETC/ENG(m)/T/EAP(t)/EAP(b)/EWA(h)
 JEP(c) JEP/JEP/AT/AT

ACCESSION NR: AP5013473

UR/0185/65/010/005/0520/0524

AUTHOR: Lashkar'ov, H. V. (Lashkarev, G. V.); Paderno, Yu. B.; Radziyiv'ska, S. V. (Radzikovskaya, S. V.); Fedorchenko, V. P.

TITLE: Electric properties of Sm_2S_3

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 5, 1965, 520-524

TOPIC TAGS: samarium compound, lanthanide series, refractory compound, semiconducting material, electric conductivity, semiconductor band structure, sulfide

ABSTRACT: A method is described for producing compact specimens of samarium sesquisulfide and for measuring their thermoelectric power and electrical conductivity. These parameters were studied in the 300-1300°K temperature range. It is shown that Sm_2S_3 is a refractory semiconductor in which the forbidden band has a width of 2.96 ev. The lengths of the Me-Me, Me-S and S-S bonds are calculated in known sesquisulfides (Me_2S_3) of lanthanides with a Th_3P_4 structure, and in SmS , on the basis of ionic crystal radii. A comparison of these data shows that the covalent S-S bonds are strengthened at the expense of a reduction in the strength of the ionic Me-S bonds, which indicates that the chemical bonds in lanthanide sesqui-

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ACCESSION NR: AP5013473

sulfides are ionic-covalent. Interatomic spacing and the physical properties of SmS and Sm₂S₃ are compared. It is found that there is no quasi-extrinsic ^{4f} level in Sm₂S₃ and that the forbidden band in this compound is narrower than that of SmS. Orig. art. has: 4 figures, 2 tables.

ASSOCIATION: Instytut problem materialoznavstva AN URSR, Kiev (Institute of Problems in the Study of Materials, AN URSR)

SUBMITTED: 27Oct64

ENCL: 00

SUB CODE: SS, EM.

NO REF SOV: 007

OTHER: 005

Card 2/2

EP

RADZIKOVSKAYA, S.V.

Category: USSR/Analytical Chemistry - General Questions.

G-1

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30920

Author : Babko A. K., Radzikovskaya S. V.

Inst : not given

Title : Coprecipitation in Quantitative Analysis. Communication IV.
Study of Mercurothiocyanate of Zinc as a Collecting Agent.

Orig Pub: Zavod. laboratoriya, 1956, 22, No 11, 1271-1276

Abstract: A quantitative study of the solubility of mercurothiocyanates of Zn, Cu and Co ($1.4 \cdot 10^{-4}$, $2.7 \cdot 10^{-4}$ and $4.8 \cdot 10^{-4}$ g-mole/liter) and of coprecipitation of Cu^{2+} and Co^{2+} with $\text{ZnHg}(\text{SCN})_4$. Coprecipitation is observed at concentrations of the microcomponents, which are considerably lower than their solubility, as such, and Cu^{2+} is coprecipitated more completely than Co^{2+} . Percentage content of Cu and Co in the precipitate increases with increasing concentration of Zn, but only in the case of an excess of mercurothiocyanate ions. A practically complete coprecipitation of Cu^{2+} and Co^{2+} is observed already with a ten-

Card : 1/2

-4-

PHASE I BOOK EXPLOITATION

SOV/3624

Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'-nykh splavov

Metallokeramicheskiye materialy i metody ikh issledovaniya; informatsionnyye materialy (Cermet Materials and Methods of Their Analysis; Information Material) Kiyev, Izd-vo AN UkrSSR, 1959. 55 p. 1,500 copies printed.

Ed. of Publishing House: I.V. Kisina; Tech. Ed.: A.M. Lisovets
Editorial Board: I.N. Frantsevich, I.M. Fedorchenko, G.S. Pisarenko, G.V. Samsonov (Resp. Ed.), V.N. Yeremenko, and V.N. Paderno.

PURPOSE: This collection of articles is intended for scientific workers, designers, and engineering and technical workers in the metallurgical, machinery-manufacturing and other branches of industry.

COVERAGE: In this collection of articles the authors describe the production of carbides, nitrides and other heat resisting compounds, giving their physicochemical and mechanical properties. Their thermal processing and the processing installations are

Card 1/4

Cermet Materials (Cont.)

SOV/3624

also described. A new method is proposed for the production of rods from refractory compounds. Certain compounds are analyzed, and the energy dissipation in materials during high-frequency mechanical vibrations is determined. No personalities are mentioned. There are 7 schematic drawings, 7 diagrams, 6 tables and 17 references, 16 of which are Soviet.

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SOV/3624

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Cermet Materials (Cont.)

SOV/3624

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AVAILABLE: Library of Congress

Card 4/4

TM/jb
6-7-60

KOSOLAPOVA, T.Ya.; RADZIKOVSKAYA, S.V.

Determination of free carbon in chromium carbide. Zav.lab. 26
no.2:138-139 '60. (MIRA 13:5)

1. Institut metallokeramiki i spetsial'nykh splavov Akademii nauk
USSR.

(Chromium carbide--Analysis)
(Carbon--Analysis)

L 45918-66

ACC NR: AP6028621

cept the single crystal, but the low temperature desorption peak became less prominent with decreasing grain size of the target and was entirely absent with the single crystal target. It is concluded that the low temperature desorption peak is due to ions adsorbed in the boundaries between the grains, and that the high temperature desorption peak is due to ions adsorbed on the crystal surfaces themselves and in the crystal lattice. The adatoms adsorbed in the grain boundaries were bound with binding energies between 25 and 35 kilocalories/mole and were desorbed at 300 to 350° C; those adsorbed on the crystal faces were held in the lattice with binding energies between 45 and 50 kilocalories/mole and were desorbed at 600 to 700° C. Helium² adsorbed on the single crystal was desorbed at an appreciably higher temperature than were argon or neon. Orig. art. has: 5 figures and 3 tables.

SUB CODE: 20

SUBM DATE: 16Jun65

ORIG. REF: 001

OTH REF: 005

Card 2/2 mjs

AMINOVA, R.Kh., kand. ist. nauk; TETENEVA, L.G., kand. ist. nauk;
 ALIMOV, I.A.; DMITRIYEV, G.L.; DZHAMALOV, O.B., doktor
 ekon. nauk, redaktor; DZHURAYEVA, T., kand. ist. nauk,
 red.; ATFENYUK, S.Ya., red.; DANILOV, V.P., glav. red.;
 BELOV, G.A., red.; GRIGOR'YAN, L.L., red.; IBRAGIMOV, Z.I.,
 red.; IVNITSKIY, N.A., red.; IL'YASOV, S.I., red.; KAKABAYEV,
 S.D., red.; KAMENSKAYA, N.V., red.; KRAYEV, M.A., red.;
 KULIYEV, O.K., red.; MAKHARADZE, N.B., red.; OBICHKIN, G.D.,
 red.; PLESHAKOV, S.T., red.; RADZHABOV, Z.I., red.; SELEZNEV,
 M.S., red.; TURSUNBAYEV, A.B., red.; FEDOROV, A.G., red.;
 SHEPELEVA, T.V., red.; PATLAKH, B., red.; MASHARIPOVA, D.,
 red.; BULATOVA, R., red.; GOR'KOVAYA, Z.P., tekhn. red.;
 KARABAYEVA, Kh.U., tekhn. red.

[Socialist reorganization of agriculture in Uzbekistan]
 Sotsialisticheskoe pereustroistvo sel'skogo khoziaistva v Uz-
 bekistane, 1917-1926 gg. Pod red. O.B.Dzhamalova. Tashkent,
 Izd-vo Akad. nauk UzSSR. Vol.1. 1962. 792 p. (MIRA 16:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut istorii i
 arkheologii.

(Uzbekistan--Agriculture)

KHALILOVA, S.G.; RADZHABOVA, D.A.

The mite Bryobia redikorzevi Reck as a fruit tree pest in Azerbaijan.
Uch. zap. AGU. Biol. ser. no. 4:49-56 '60. (MIRA 14:5)

(Azerbaijan--Red spider) (Fruit trees--Diseases and pests)

FADZHATOVA, Fh. N.

"Certain New Examples of the Element-Organic Synthesis of Tertiary Alcohols." Thesis for degree of Cand. Chemical Sci. Sub 29 Nov 49, Inst of Organic Chemistry, Acad Sci USSR.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

RADZHABOVA, T.K.

Effect of mineral fertilizers on the quality of green tea
leaves. Izv.AN Azerb.SSR.Ser.biol.i med.nauk. no.5:45-49 '62.
(MIRA 15:9)

(AZERBAIJAN--TEA--FERTILIZERS AND MANURES)

MIRZOYAN, A.T.; RADZHABOVA, T.K.

Qualitative determination of free amino acids in green tea leaves
by the method of distributive chromatography on paper. Dokl.
AN Azerb. SSR 18 no.5:41-43 '62. (MIRA 15:7)

1. Institut pochvovedeniya i agrokhimii AN AzSSR.
Predstavleno akademikom AN AzSSR G.A. Aliyevym.
(Tea) (Chromatographic analysis) (Amino acids)

GUSEYNOV, R.K.; MIRZOYAN, A.T.; RADZHABOVA, T.K.

Quantitative determination of free amino acids in a green
tea leaf. Dokl. AN Azerb. SSR 20 no.8:85-87 '64.

(MIRA 17:12)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR. Predstavleno
akademikom AN AzerSSR G.A. Aliyevym.

MIKHANT'YEV, B.I.; RADZHYUNAS, L.V.

Vinyl ethers of o- and m-hydroxydiphenylamines. Izv.vys.ucheb.zav.;
khim.i khim.tekh. 6 no.4:697-698 '63. (MIRA 17:2)

1. Voronezhskiy gosudarstvennyy universitet. Kafedra khimii vysokomolekulyarnykh soyedineniy.

MIKHAN'YEV, B.I.; RADZYUNAS, L.V.

Vinyl ethers of some p-aminophenols. Zhur. ob. khim. 34 no.10:
3424-3425 O '64. (MIRA 17:11)

1. Voronezhskiy gosudarstvennyy universitet.

I 22031-66 ENT(m)/ENP(j) GS/RM
ACC NR: AT6005935

SOURCE CODE: UR/0000/63/000/000/0024/0027

3/
B+1

AUTHORS: Mikhant'yev, B. I.; Radzhyunas, L. V.

ORG: Laboratory for the Chemistry of High-Molecular-Weight Compounds, Voronezh State University (Laboratoriya khimii vysokomolekulyarnykh soyedineniy Voronezhskogo gosudarstvernogo universiteta)

TITLE: Vinylation of aminophenols

SOURCE: Voronezh. Universitet. Laboratoriya khimii vysokomolekulyarnykh soyedineniy. Trudy, no. 2, 1963. Monomery, khimiya i tekhnologiya SK (Monomers, chemistry, and technology of synthetic rubber), 24-27

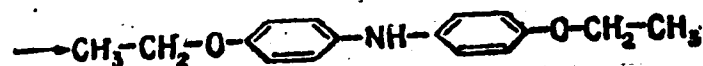
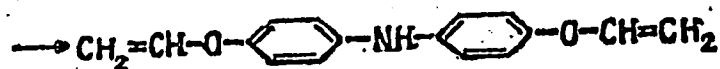
TOPIC TAGS: organic nitrogen compound, organic synthetic process, aromatic ether, aromatic hydrocarbon, phenol

ABSTRACT: This investigation is a continuation of work published by B. I. Mikhant'yev and V. B. Mikhant'yev (ZhOKh, 31, 3050, 1961). The aminophenylvinyl ethers, m-aminophenylvinyl ether and n,n'-divinyldiphenylamine ether were synthesized after the method of A. Ye. Favorskiy and M. F. Shostakovskiy (ZhOKh, 13, 1, 1943). The reactions were carried out according to the schemes:

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L 22031-66

ACC NR: AT6005935



Reaction yields, melting points, molecular weights and elemental composition of the synthesized compounds are presented. Orig. art. has: 4 equations.

SUB CODE: 07/

SUBM DATE: none/

ORIG REF: 003/

OTH REF: 003

Card 2/2 dda

L 22030-66 EWT(m)/EWP(i) IJP(c) GS/RM
ACC NR: AT6005936 (A)

SOURCE CODE: UR/0000/63/000/000/0028/0035

AUTHORS: Mikhan't'yev, B. I. ; Radzhyunas, L. V.

ORG: Laboratory for the Chemistry of High-Molecular-Weight Compounds, Voronezh State University (Laboratoriya khimii vysokomolekulyarnykh soyedineniy Voronezhskogo gosudarstvennogo universiteta)

TITLE: Vinylation of aminophenols containing a tertiary nitrogen atom
SOURCE: Voronezh. Universitet. Laboratoriya khimii vysokomolekulyarnykh soyedineniy. Trudy, no. 2, 1963. Monomery, khimiya i tekhnologiya SK (Monomers, chemistry, and technology of synthetic rubber), 28-35

TOPIC TAGS: organic nitrogen compound, organic synthetic process, aromatic ether, aromatic hydrocarbon, monomer

ABSTRACT: This investigation is an extension of the works published by B. I. Mikhan't'yev and V. B. Mikhan't'yev (ZhOKh, 31, 3050, 1961) and by B. I. Mikhan't'yev and L. B. Radzhyunas (Izv. vysshikh uchebnykh zavedeniy. Khimiya i khim. tekhnologiya, 6, vyp. 4, 697, 1963). In this study m-(N,N-diethyl)-aminophenylvinyl ether, m-(N,N-dimethyl)-aminophenylvinyl ether, and p-(N,N-dimethyl)aminophenylvinyl ether were synthesized after the method of A. B. Favorskiy and M. F. Shostakovskiy (ZhOKh, 13, 1, 1943). Picrates of the vinyl and ethyl ethers were also synthesized. The product yields, melting points, boiling points, refractive indices, and molecular

Card 1/2

L 22030-56

ACC NR: AT6005936

composition of the derived compounds are tabulated. It was found that the yields of monomers depended on the temperature and on KOH concentration of the reaction mixture (see Fig. 1).

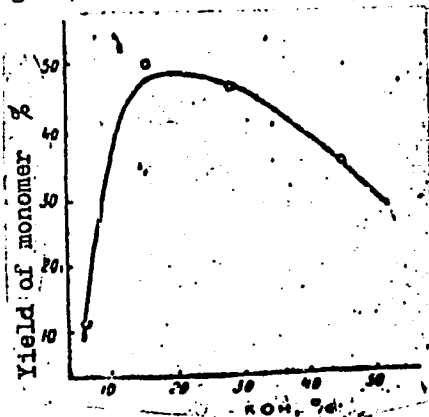


Fig. 1. Yield of monomer as a function of KOH concentration of this solution.

Orig. art. has: 4 tables and 2 graphs.

SUB CODE: 07/ SUBM DATE: none/

ORIG REF: 002/

OTH REF: 008

Card. 2/2 dda

MATULIS, Yu.Yu. [Matulis, J.]; PARZHOMENKO, K.S. [Parzhomene, K.];
BURYALIS, Yu.S. [Bubelis, J.]

Action of some brightening agents on cathodic potential in the
discharge of nickel ions in the unsteady state. Trudy AN Lit.
SSR. Ser. B no.3:9-24 '65. (MIRA 19:1)

1. Institut khimii i khimicheskoy tekhnologii AN Litovskoy SSR.
Submitted April 5, 1965.

WILKINSON, JAMES.

ARTICLE BY

WILKINSON, JAMES. "Wielki postrzałowe srociotowane wysilins' i broda
pala. Warszawa. Wydawn. Prace, 1957. 247p.

Monthly List of East European Accessions (MEM) 10 Vol. 8, no. 5
May 1959, Unclass.

RADZICKI, K., doc.

Obtaining of iron-nickel by the Ugine-Perrin method in the United States. Hutnik P 28 no.7/8:298-300 J1-Ag '61.

BERNATOWICZ, S.; RADZIEJ, J.

Quantitative studies on the vascular flora of Lake Dobskie. Polskie
arch hydrobiol 7:29-60 '60. (EEAI 10:3)
(Poland--Fresh-water flora)

BERNATOWICZ, T., RADZIEJ, J.

Annual production of macrophyte in the Mury Lake complex.
Polskie arch hydrobiol 12 no.3:307-348 '64.

1. Laboratory for Lake Farming, Gizycko, of the Institute of
Inland Water Fisheries. Submitted December 20, 1963.

ORLA, Janina; KRZYŻANOWSKA, Regina; RADECKI-WOŃSKI, Mieczysław

The course of pregnancy, labor and puerperium in women with heart defects. Ginek. Pol. 35 no.6:807-814 N-3 '62

1. z Kliniki Położnictwa i Chorob Pociągłych Instytutu Matki i Dziecka w Warszawie (Kierownik prof. dr. med. J. Lesiński) i
2. Kliniki Kardiologicznej Instytutu Doskonalenia Lekarzy przy Akademii Medycznej w Warszawie (Kierownik prof. dr. med. S. Kara).

SOBIESKI, Franciszek, in z.; KAMIEJOWSKA, Irena

The Cellulose and Paper Works in Wloclawek are heading toward modern techniques. Przegl techn 84 no.50:5,8 15 D '63.

RYDZ, Zbigniew, mgr inż.; RADZIEJOWSKA, Lila, inż.

Washable wallpapers and self-gluing films as new wall finishing materials. Inst tech budow inf no.12:29-31 '63.

1. Zaklad Tworzyw Sztucznych, Instytut Techniki Budowlanej, Warszawa.

RADZIK, Marian

Observations concerning familial and uni-ocular trachoma. Klin.
oczn. 30 no.3:291-294 '60.

1. Z Kliniki Chorob Oczu A.M. w Krakowie Kierownik: prof. dr med.
M.Wilczek.
(TRACHOMA)

STEPANOV, V.N., doktor geogr.nauk, otv.red.; BEZRUKOV, P.L., doktor
geol.-mineral.nauk, red.; LONGINOV, V.V., kand.geograf.nauk, red.;
RADZIKHOVSKAYA, M.A., kand.geograf.nauk, red.; PANFILOVA, S.G.;
kand.geograf.nauk, red.; KOZLYANINOV, M.I., kand.geogr.f.nauk, red.;
PELEVIN, V.I., red.; TUGARINOV, D.N., red.izd-va; NOVICHKOVA, D.N.,
tekhn.red.

[Basic geological and hydrological features of the Sea of Japan]
Osnovnye cherty geologii i gidrologii Iaponskogo moria. Moskva,
1961. 223 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut okeanologii.
(Japan, Sea of--Submarine geology)
(Japan, Sea of--Hydrology)

RADZIKHOVSKAYA, M.A.

Volumes of basic water masses of the southern part of the
Pacific Ocean. Okeanologiya 5 no.5:803-805 '65.

(MIRA 18:11)

1. Institut okeanologii AN SSSR.

DOBROVOL'SKIY, A.D.; RADZIKHOVSKAYA, M.A.; LEONT'YEVA, V.V.

Deep-sea hydrologic studies of the Pacific Ocean. Trudy Inst.ocean. 60:
130-141 '62. (MIRA 17:1)

LEONT'YEVA, V.V.; RADIKHOVSKAYA, M.A.

Definition of hydrologic structures and water masses in the ocean.
Trudy Inst. okean. 66:79-90 '63. (MIRA 16:10)

KARAVAYEVA, V.I.; RADZHIKHOVSKAYA, M.A.

Volumes of basic water masses of the northern part of the
Pacific Ocean. Okeanologiya 5 no.2:230-234 '65.

(MIRA 18:6)

1. Institut okeanologii AN SSSR.

RADZIKHOVSKAYA, R.M.

Specific antigen of nucleoprotein fraction of chicken sarcoma. Trudy
AMN SSSR 21 no.4:126-134 '52. (MLRA 10:8)

1. Iz virusnoy laboratorii (zav. - deystvitel'nyy chlen AMN SSSR
prof. L.A.Zil'ber) Instituta epidemiologii i mikrobiologii im.
N.F.Gamaleya.

(SARCOMA, experimental,
antigen of nucleoprotein fraction)
(ANTIGENS AND ANTIBODIES,
sarcoma nucleoprotein fraction antigen)
(NEOPLASMS, experimental,
sarcoma antigen of nucleoprotein fraction)
(NUCLEOPROTEINS,
antigens of sarcoma nucleoprotein fraction)

RADZIKHOVSKAYA, R.M.
ZIL'BER, L.A.; RADZIKHOVSKAYA, R.M.

Experimental studies on immunity to neoplasms. Part 1: Artificial immunization against Brown-Pearce carcinoma. Zhur.mikrobiol. epid. i immun. no.9:64-70 S '54. (MIRA 7:12)

1. Iz otdela virusologii (zav. prof. L.A.Zil'ber) Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamalei AMN SSSR (dir. prof. G.V.Vygodchikov).

(NEOPLASMS, experimental,

Brown-Pearce carcinoma, prev. vacc.)

(VACCINES AND VACCINATION,

Brown-Pearce carcinoma)

BAYDAKOVA, Z.L.; LEZHNEVA, O.M.; RADZIKHOVSKAYA, R.M.

Vaccination against rat and mouse sarcoma and Brown-Pearce carcinoma of rabbits. Vop.onk. 1 no.5:10-14 '55. (MLRA 10:1)

1. Iz otdela virusologii (zav. - L.A.Zil'ber) Instituta epidemiologii i mikrobiologii imeni N.F.Gamaleya (dir. - G.V.Vygodchikov). Adres avtorov: Moskva D-182, Shchukinskaya ul., d.33. Institut epidemiologii i mikrobiologii im. N.F.Gamaleya.

(VACCINES AND VACCINATION,

Brown-Pearce carcinoma & sarcoma in mouse & rats)

(NEOPLASMS, experimental,

Brown-Pearce carcinoma & mouse & rat sarcoma, vacc.)

(SARCOMA, experimental,
vacc.)

RADZIKHOVSKAYA, R. M. and ZIL'BER, L. A.

"Experimental Study of Immunity to Tumors." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Division of Virology, Zil'ber, L. A. professor, Active Member, Academy of Medical Sciences USSR, Epidem and Microbiol im. Gamaleya AMS USSR Inst.

SO: Sum 1186, 11 Jan 57.

RADZIKHOVSKAYA, R. M., and BAYDAKOVA, Z. L.

"Artificial Immunization Against Malignant Growths" [paper read at an unidentified scientific conference held by the institute during the first half of 1954.] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Division of Virology, Zil'ber, L. A., professor, Active Member, Academy of Medical Sciences USSR, head, Inst Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

RADZIKHOVSKAYA, R.M.

[How th human body fights microbes] Kak organizm cheloveka boretsia
s mikrobami. Moskva, Medgiz, 1956. 30 p. . (MLRA 10:2)
(BACTERIA) (ANTIGENS AND ANTIBODIES)

RADZIKHOVSKAYA, R.M. (Moskva, I-51, 2-y Volkonskiy per., d.3, kv.5.)

Role of antibodies in cancer immunity. Vop.onk. 4 no.2:
234-244 '58. (MIRA 12:8)

1. Iz laboratorii immunologii i zlokachestvennykh opukholey
(zav. - deystv.chlen AMN SSSR prof.L.A.Zil'ber) Instituta
epidemiologii i mikrobiologii im. Gamaleya AMN SSSR (dir. -
prof.S.N.Muromets).

(NEOPLASMS, immunol.

antibodies in cancer immun., review (Rus))

GARDASH'YAN, A.M. (Moskva, B. 78, Sadovo-Spasskaya ul., d. 19, kv. 149);
RADZIKHOVSKAYA, R.M.

Detection of antibodies in the complement fixation reaction in
rabbits immunized by various vaccines from Brown-Pearce carcinoma
[with summary in English]. Vop.onk. 4 no.6:655-659 '58.
(MIRA 12:1)

1. Iz otdela immunologii i zlokachestvennykh opukholey (zav. -
prof. L.A. Zil'ber) Instituta epidemiologii i mikrobiologii imeni
N.F. Gamalaya AMN SSSR (dir. - prof. S.N. Muromtsev).

(NEOPLASMS, immunol.

antibodies in complement fixation reaction in rabbits
immunized by Brown-Pearce carcinoma vaccines (Rus))

(COMPLEMENT,
same)

EXCERPTA MEDICA Sec 16 Vol 7/1 Cancer Jan 59

99. *The role of antibodies in anti-tumour immunity (Russian text)* RADZIKHOVSKAYA R. M.
Gamaleya Inst. of Epidemiol. and Microbiol., USSR Acad. of Med. Sci., Moscow
Byull. Eksper. Biol. i Med. 1958, 45/5 (89-93) Tables 2

Serum or splenic and lymph node tissue from rabbits immune to the Brown-Pearce carcinoma were administered to rabbits that were subsequently grafted with the tumour. In a number of cases (no quantitative data in the English summary) complete or partial inhibition of tumour growth was observed.

RADZIKHOVSKAYA, R.M.

Transplantation of Brown-Pearce rabbit carcinoma to young rats.
Vop.onk. 5 no.10:410-415 '59. (MIRA 13:12)
(CANCER-TRANSPLANTATION)

RADZIKHOVSKAYA, R.

Report on the activities of an All-Union Conference on the
Coordination of Work in the Field of Oncology. Vop. virus.
5 no. 1:123 Ja-F '60. (MIRA 14:4)
(CANCER RESEARCH—CONGRESSES)

RADZIKHOVSKAYA, R.M. —

Appearance of immunity to tissues observed during their transplan-
tation. Vop. onk. 6 no.4:95-108 Ap '60. (MIRA 14:3)
(TUMORS—TRANSPLANTATION)

RADZIKHOVSKAYA, R.M. (Moskva, I-51,2-y Volkonskiy per.3,kv.5)

Creation of tolerance to the Brown-Pearce tumor in rats by means of
blood and extracts from various organs of rabbits. Vop. onk. 7
no. 4:27-30 '61. (MIRA 14:4)

1. Iz laboratorii immunologii Instituta eksperimental'noy i
klinicheskoy onkologii AMN SSSR (vas. - deystvitel'nyy chlen
AMN SSSR prof. L.A. Zil'ber, dir. - deystvitel'nyy chlen AMN
SSSR prof. N.N. Blokhin).
(CANCER) (TISSUE EXTRACTS)

RADZIKHOVSKAYA, R. M.; GARDASH'YAN, A. M.

Hemagglutination reaction with Brown-Pearce tumor antigens. Vop.
onk. 7 no.7:21-24 '61. (MIRA 15:2)

1. Iz otdela immunologii i onkologii (zav. - prof. L. A. Zil'ber)
Instituta epidemiologii i mikrobiologii im. N. F. Gamaleya (dir. -
prof. S. N. Muromtsev). Adres avtorov: Moskva, Shchukinskaya, 33,
Institut epidemiologii i mikrobiologii.

(BLOOD—AGGLUTINATION) (CANCER)
(ANTIGENS AND ANTIBODIES)

RADZIKHOVSKAYA, R.M.

Study of tolerance and the "potentiation phenomenon" on a model of Brown-Pearce rabbit carcinoma. Biul.eksp.biol.i med. 53 no.6:66-68 Je '62. (MIRA 15:10)

1. Iz laboratorii immunologii (zav. - deystvitel'nyy chlen AMN SSSR L.A.Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deystvitel'nyy chlen AMN SSSR N.N.Blokhin) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR L.A. Zil'berom.

(CANCER)

RADZIKHOVSKAYA, R. M. (Moskva, I-51, 2-y Volkonskiy per., 3, kv. 5)

Creation of tolerance in young rats to Brown-Pearce carcinoma
using noncellular material. Vop. onk. 8 no.7:28-31 '62.
(MIRA 15:7)

1. Iz laboratorii immunologii (zav. - deystv. chl. AMN SSSR,
prof. L. A. Zil'ber) Instituta eksperimental'noy i klinicheskoy
onkologii AMN SSSR (dir. - deystv. chl. AMN SSSR, prof. N. N.
Blokhin)

(CANCER RESEARCH)

RADZIKHOVSKAYA, R.M. (Moskva, -51, 2-y Volkonskiy per., 3, kv. 5.)

Duration of the adaptive period and the length of preservation of the immunological tolerance for Brown Pearce carcinoma in rats. Vop onk. 8 no. 10:56-59 '62. (MIRA 17:7)

1. Iz laboratorii immunologii (zav.-deystvitel'nyy chlen AMN SSSR, prof. L.A.Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR, prof. N.N.Blokhin).

RADZHIKHOVSKAYA, R.M.

Inhibition of antibody production in response to antigens of normal and tumor-bearing rabbit tissues in the organisms of rats with developed tolerance. Vop. onk. 8 no.11:8-10 '62.
(MIRA 17:6)

1. Iz laboratorii immunologii (zav.- deystvitel'nyy chlen AMN SSSR, prof. L.A. Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR, prof. N.N. Blokhin).

RADZIKHOVSKAYA, R.M. (Moskva, 1-51, 2-y Volkonskiy pereulok, 3, kv.5)

Biological and antigenic properties of the rabbit Brown-Pearce tumor passed on tolerant rats. Vop. onk. 9 no.6:52-55 '63.
(MIRA 17:8)

1. Iz laboratorii immunologii (zav. - deystvitel'nyy chlen AMN SSSR prof. I.A. Zil'ber) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin).

AMIRAN, M.M., M.P.

Possibility of using freeze deproteinization and ultracentrifugation for the purification of haus' virus. Biol. eksp. biol. 1965, 5: no. 6: 124-126. 3p. 1965. (MIRA 14:6)

1. Laboratoriya etiologii leykozev (zav. - doktor med. nauk M.P. Mikheevskiy) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deyatel'nyy chlen AMN SSSR prof. N.N. Blokhin) AMN SSSR, Moskva.

RAIZIKHOVSKAYA, R.M.

Resistance to the virus and cell antigens of Rous sarcoma.
Vop. onk. 11 no.1:39-43 '65. (MIRA 18:6)

1. Iz laboratorii etiologii lēykozov (zav. - doktor med.nauk
N.P.Mazurenko) Instituta eksperimental'noy i klinicheskoy
onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof.
N.N.Blokhin).

ACC NR: AP0031516 SOURCE CODE: UR/0073/66/032/009/0926/0929

AUTHOR: Bukhanovich, V. F.; Radzikovskaya, S. V.

ORG: Institute of the Science of Materials, AN UkrSSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: Preparation and properties of tantalum disulfide

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 9, 1966, 926-929

TOPIC TAGS: refractory compound, tantalum compound, tantalum disulfide, inorganic synthesis, high temperature oxidation, chemical resistance

ABSTRACT: Preparation and properties of tantalum disulfide have been studied to supplement literature data on sulfides of refractory transition metals. Direct reaction of the powdered metal with hydrogen sulfide was selected as the method of preparation most adaptable to industrial processes and susceptible to yield single-phase tantalum sulfides. Stoichiometric tantalum disulfide (TaS_2) in powdered form was obtained by reacting at 1400C 99.9% tantalum metal with hydrogen sulfide which was prepared in situ from hydrogen and sulfur vapors. The lattice parameters and picnometric density of the product were found to be in agreement with literature data and with the calculated value, respectively. The TaS_2 product was found to be stable in boiling

Card 1/2 UDC: 546.883

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ACC NR: AP6031516

water and HCl but decomposed completely by heating in oxidizing reagents, e.g., concentrated H_2SO_4 , HNO_3 , H_2O_2 . TaS_2 was resistant to oxidation in an oxygen stream up to 300C. In oxygen at 500C, TaS_2 was completely oxidized to tantalum pentoxide and sulfur dioxide. Orig. art. has: 3 tables and 2 figures. [JK]

SUB CODE: 07/ SUBM DATE: 20Mar65/ ORIG REF: 001/ OTH REF: 004
ATD PRESS: 5082

Card 2/2 LC

RABZINOVSKIY, B. L.

RABZINOVSKIY, B. L. "The local use of penicillin in serpiginous ulcers of the cornea and other diseases of the forward eye section", Oftalmol. zhurnal, 1948, No. 4, p. 165-70.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

RADZIKOVSKIY, B. I.

"Indicator for the Projection of Defective Eye Base and Intraocular Foreign Bodies on the Surface of the Sclera," Vest. Oftalmol., 27, No. 3, 1948; Prof. Eye Clinic, Chernovitskiy State Med. Inst., -c1948-.

RADZIKHOVSKIY, P. L.

33585. O Rentgenolokalizatsii I Udaleni Inorodnykh Tel Orbits. Uchen. Zapiski
(chernovits. Gos. Ped. In-t), T. 1, 1949, c. 49-53

SO: Letopis'nykh Statey, Vol. 45, Moskva, 1949

RADEIKHOVSKIY, F. I.

"Clinical Symptoms of Ophthalmopathy following Relapsing Fever," *ibid.*, 28, No. 3, 1949. Prof., Eye Clinic, Chernovity State Med. Inst., -c1949-.

RADZIKHOVSKIY, B. L.

New method in application of corneal sutures. Vest. oft. 29:4,
July-Aug. 50. p. 37-8

1. Of the Clinic for Eye Diseases (Director—Prof.
B. L. Radzikhovskiy) Chernovitsay Medical Institute.

GLML 19, 5, Nov., 1950

RADZIKHOVSKIY, B. L.

Blepharostat of new construction. Vest. oft. 29:6, Nov.-Dec. 50.
p. 39-40

1. Of the Clinic for Eye Diseases (Director — Prof.
B. L. Radzikhovskiy), Chernovitsy Medical Institute (Director —
Docent D. S. Lovlya).

CIML 20, 3, March 1951

RADZIKHOVSKIY, B.L.

Vacuum Tonometer. Vest.oft. 30 no.2:37-40 Mar-Apr 1951. (CML 20:9)

1. Professor. 2. Of the Eye Clinic (Director--Prof. B.L. Radzhikhovskiy), Chernovitsy Medical Institute (Director--Docent D.S. Lovlya).

RADZIKHOVSKIY, B.L.

Subconjunctival injection of physiological solution as scotometric
test for the diagnosis of glaucoma. Vest. oft., Moskva 31 no.6:17-20
Nov-Dec 1952. (CJML 23:4)

1. Professor. 2. Of the Eye Clinic of Chernovitsy Medical Institute.

TREPHINE

"A New Model of a Trephine for Corneoscleral Trephination and Posterior Sclerectomy,"
by B.L. Radzikhovskiy, Clinic of Eye Diseases of the Chernovtsy Medical Institute,
Vestnik Oftalmologii, No 1, Jan-Feb 1957, pp 40-41.

According to Elliot's method, the most common operation in glaucoma is a corneo-scleral trephination. B.L. Radzikhovskiy, however, considers that the trephines used by Eliot, Zimmermann, Kihnt and Walker up till now were all deficient because of the fact that operations were performed blindfolded.

The author, therefore, constructed a new model of a trephine which permits visual observation during the whole process of trephination. A picture and description of the trephine are given.

It is claimed that with the new trephine, even a beginner in ophthalmological surgery need not have any difficulty in performing the most essential act of the operation, i.e., the excision of a disc from the cornea, since throughout the whole procedure he can follow the trephination visually.

EXCERPTA MEDICA Sec 12 Vol 13/8 Ophthalmology Aug 59

1191. TECHNIQUE OF MEASURING THE DIAMETER OF THE PUPILS (Russian text) - Radzikhovskiy B. L. and Vodovozov A. M. - OFTALM. Zh. 1957, 5 (313-314)

On a plate of thin transparent cellophane (washed-off photographic film can be used) little circles, ranging from 1.5 to 8 mm. in diameter and differing from each other by steps of 0.5 mm. are placed along a single line. The circles are cut out accurately. When measuring, the film is placed before the eye of the subject and is brought close up to the apex of the cornea. For a more exact determination of the diameter of the pupils the authors propose the use of a cellophane rule for measuring the little circles of the tonograms, attached to the set of tonometers for elastotonometry of the 'Krasnogvardeets' (Red Guard) factory. (S)

RADZIKHOVSKIY, B.L., professor

Further improvement in the author's method of gonioscopy. Oft.zhur.
12 no.2:76-78 '57. (MIRA 10:11)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(ORTHALMOSCOPY)

RADZIKHOVSKIY, B.L.

New model for corneoscleral trepanation and posterior sclerectomy.
Vest. oft. 70 no.1:40-41 Ja-F '57 (MLRA 10:5)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo
instituta.

(CORNEA, surg.

new trepan model for corneoscleral trepanation) (Rus)

(SCLERA, surg.

new trepan model for corneoscleral trepanation &
posterior sclerectomy) (Rus)

RADZIKHOVSKIY, B.L., prof.

Author's method of gonioscopy using a convex lens. Oft.zhur. 13
no.4:199-201 '58 (MIRA 11:8)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L. Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L., prof.

Pathogenesis of glaucoma. Oft.zhur. 14 no.3:140-144 '59.

(MIRA 12:6)

1. Iz kliniki glaznykh bolezney (zav. - prof.B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(GLAUCOMA)

RADZIKHOVSKIY, B.L., prof.; TITENKO, K.S., kand.med.nauk

Report on the work of the Chernovtsy Ophthalmological Society for
1958. Oft.zhur. 14 no.6:380-381 '59. (MIRA 13:4)

1. Predsedatel' pravleniya Chernovitskogo oftal'mologicheskogo ob-
shchestva (for Radzhikhovskiy). 2. Sekretar' pravleniya Chernovit-
skogo oftal'mologicheskogo obshchestva (for Titenko).
(CHERNOVTSY--OPHTHALMOLOGICAL SOCIETIES)

RADZIKHOVSKIY, B.L., prof.; VODOVOZOV, A.M., kand.med.nauk; YEVSTUGOV, L.M.,
inzh.

Transplantation of a cornea frozen and dried in a vacuum apparatus.
Oft.zhur. 14 no.8:485-488 '59. (MIRA 13:4)

1. Iz kliniki glaznykh bolezney (zaveduyushchiy - prof. B.L. Radzi-
khovskiy) Chernovitskogo meditsinskogo instituta.
(CORNEA--TRANSPLANTATION)

RADZIKHOVSKIY, B.L., prof.

Magnetic trephine for the excision of a disk in partial penetrating corneal transplantation. Oft.zhur. 14 no.8:496-498 '59.

(MIRA 13:4)

1. Iz kliniki glaznykh bolezney (zaveduyushchiy - prof. B.L. Radzikhovskiy) Chernovitskogo meditsinskogo instituta.

(CORNEA--TRANSPLANTATION) (EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L., prof.

New model of binocular magnifier. Lft.zhur. 15 no.7:439-440 '60.
(MIRA 13:11)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(EYE, INSTRUMENTS AND APPARATUS FOR)

RADZIKHOVSKIY, B.L.

Iridencleisis operation as modified by the author (trepanoiridencleisis).

Vest. oft. 73 no. 3:30-34 My-Je '60.

(MIRA 14:1)

(GLAUCOMA) (IRIS (EYE)—SURGERY)

RADZIKHOVSKIY, B.L.

New method of direct ophthalmoscopy. Vest. oft. 73 no. 4:41-43
Jl-Ag '60.

(MIRA 14:1)

(OPHTHALMOSCOPY)

RADZIKHOVSKIY, B.L., prof.

New method of investigating the sensitivity of the cornea. Oft.
zhur. 16 no.1:40-43 '61. (MIFA 14:3)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(CORNEA)

RADZIKHOVSKIY, B.L., prof.

Change in the blind spot in various kinds of refraction while reading at a close distance. Oft. zhur. 16 no.5:294-301 '61. (MIRA 14:10)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L.Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(BLIND SPOT) (EYE--ACCOMODATION AND REFRACTION)

RADZIKHOVSKIY, B.L., prof.

Technique for removing secondary cataract. Oft.zhur. 16 no.6:369-
371 '61. (MIRA 14:10)

1. Iz kliniki glaznykh bolezney (zav. - prof. B.L. Radzikhovskiy)
Chernovitskogo meditsinskogo instituta.
(CATARACT)

RADZIKHOVSKIY, Boris Leonidovich; BARBEL', I.E., red.; KHARASH,
G.A., tekhn. red.

[Myopia] Blizorukost'. Leningrad, Medgiz, 1963. 194 p.
(MIRA 16:7)

(MYOPIA)

RADZIKHOVSKIY, B.L. prof. (Chernovtsy)

Myopia. Med. sestra 22 no. 8:34-39 Ag'63.
(MYOPIA)

(MIRA 16:10)

RADZIKHOVSKIY, B.L., prof.

New method of ophthalmoscopic examination of the extreme
periphery of the fundus oculi. Vest. oft. 76 no.1:73-74
Ja-F'63. (MIRA 16:6)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo
instituta.
(OPHTHALMOSCOPY)

RADZIKHOVSKIY, B.L., prof.

New methodology of determining 24-hour variations in intra-ocular pressure and its importance in the diagnosis of glaucoma. Vest. oft. 76 no.3:59-63 My-Je '63.

(MIRA 17:2)

1. Klinika glaznykh bolezney Chernovitskogo meditsinskogo instituta.

RADZIKHOVSKIY, B.M.

621.317.39 : 621.317.2
✓ 2758. OSCILLOGRAPHIC RECORDING OF THE HYDRAULIC
SHOCK WAVES IN HIGH-PRESSURE PIPE LINES OF A WATER
POWER STATION. B.M. Radzikhovskiy.
Gidrotekh. Stroit, 1956, No. 8, 41-3. In Russian.

In a water power station, with 540 m head, oscillographic records were obtained of the shock waves by means of strain gauges attached to the steel pipes. Servomotor movement and governor travel of the Pelton turbines were also recorded on the same oscillogram. Shock waves caused by governor action on the dropping of load were observed for different loads. Highest pressure waves occur when the shutting time equals the travelling time of the reflected wave, whose arrival shows clearly on all the oscillograms. The average velocity of the travelling wave, in this case 1115 m/s is in good agreement with values calculated from pipe diameter and wall thickness, the latter not being constant over the pipe length of 2900 m. Information of this kind aids governor design.

F. Busemann

NS NS

RADZIKHOVSKIY, B.M., inzhener.

Oscillograph recording of hydraulic impact in high-pressure pipelines
in hydroelectric power stations. Gidr.stroi.25 no.8:41-43 S '56.
(Hydraulics) (MLBA 9:10)

RADZIKHOVSKIY, K.

Construction of the Wieprz-Krzna Canal. Gidr. i mel. 15 no.3:
52-54 Mr '63. (MIRA 16:4)

(Wieprz-Krzna Canal)

RADZIKHOVSKIY, K.B.

Valuable work by Polish scientists. Osn., fund. i mekh.grun.
8 no.1:39 '66. (MIRA 19:1)

RADZIKHOVSKIY, K.B.

Data on Czechoslovakian hydroelectric power stations (from
"Gospodarka Wodna," no.2, 1958). Energokhoz. za rub. no.2:
43-44 Mr-Apr '59. (MIRA 12:5)
(Czechoslovakia--Hydroelectric power stations)

RADZIKHOVSKIY, K.

Utilization of peat deposits in the Federal Republic of
Germany. Torf. prom. 38 no.7:28-29 '61. (MIRA 14:12)
(Germany, West--Peat soils)

RADZIKHOVSKIY, K.B.

Investigation and utilization of peat deposits in the Czechoslovak Socialist Republic and in the Hungarian People's Republic.
Torf. prom. 39 no.7:33-34 '62. (MIRA 16:8)

(Czechoslovakia—Peat industry)
(Hungary—Peat industry)

Radzikhovskiy, Yu. A.

27052

S/021/60/000/005/008/015

D210/D304

24.4200

AUTHOR: Radzikhovskiy, Yu. A.

TITLE: On the question of the frequency of free oscillations of hingeless parabolic arches

PERIODICAL: Akademiya nauk ukrayins'koyi RSR, Dopovidi, No. 5, 1960, 619-622

TEXT: The article discusses the effect on the lowest frequency of symmetric oscillation of a hingeless parabolic arch of the horizontal forces of inertia, and the longitudinal and transverse forces. The arch is taken to have moment of inertia $I = I_3 / \cos \phi$, and mass m , uniformly distributed along its curve. [Abstractor's note: I_3 and ϕ not defined]. The lowest frequency is found by the method of S.A. Bernshteyn (Ref. 1: Novyy metod opredeleniya chastot kolebanyy uprugykh sistem (A New Method for Determining the Oscillation of Frequency of

Card 1/5

27052

S/021/60/000/005/008/015/
D210/D304

On the question of the ...

Elastic Systems) Izd. Voenno-inzhenernoy akademii RKKA im. V.V. Kuybysheva, 1939). The first two traces of the spectral function are found to be

$$B_1 = \frac{ml_1^4}{EI_3} \left[\frac{1}{30} + \frac{1}{2} \cdot \frac{\alpha_1^2}{n^2} - \frac{2}{63 \left(1 + \frac{45}{4n^2} \right)} + \alpha_1^2 \left[\frac{1}{21} + \frac{1}{2n^2} - \frac{95}{2079 \left(1 + \frac{45}{4n^2} \right)} - \frac{23}{28 \left(1 + \frac{45}{4n^2} \right) n^2} - \frac{15}{4 \left(1 + \frac{45}{4n^2} \right) n^4} \right] \right]$$

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D210/D304

On the question of the ...

$$\begin{aligned}
 B_2 = & \left(\frac{ml_1^4}{10EI_3} \right)^2 \left[0,102293 - \frac{0,202901}{1 + \frac{45}{4n^2}} + \frac{0,100781}{\left(1 + \frac{45}{4n^2}\right)^2} + \right. \\
 & + \frac{\alpha_1^2}{n^2} 2,53968 + \frac{\alpha_1^4}{n^4} 33,3333 - \frac{\alpha_1^2}{n^2} \cdot \frac{7,69270}{1 + \frac{45}{4n^2}} + \\
 & + \alpha_1^2 \left[0,285314 - \frac{0,575027}{1 + \frac{45}{4n^2}} + \frac{1}{\left(1 + \frac{45}{4n^2}\right)^2} (0,290128 + \right. \\
 & \left. \left. + \frac{5,21542}{n^2} + \frac{23,3134}{n^4} \right) \right] + \alpha_1^4 \left[0,214547 + \frac{3,74780}{n^2} - \frac{1}{1 + \frac{45}{4n^2}} \times \right. \\
 & \left. \times \left(0,423085 + \frac{11,2824}{n^2} + \frac{100,575}{n^4} + \frac{300}{n^6} \right) + \right. \\
 & \left. + \frac{1}{\left(1 + \frac{45}{4n^2}\right)^2} \left(0,456950 + \frac{8,21429}{n^2} + \frac{37,5}{n^4} \right)^2 \right] \Bigg].
 \end{aligned}$$

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S/021/60/000/005/008/015
D210/D304

On the question of the ...

Here $n^2 = \frac{f^2 F_3}{I_3}$; $\alpha_1 = \frac{f}{l}$, l_1 is the half-length of the curve.

[Abstractor's note: Other symbols not defined]. The first root of the spectral function satisfies the inequality

The mass is considered to be distributed as shown in Fig. 1 where the coefficient

is known from the equations of the second traces of the arch. The expression for the frequency may be written $\omega_1 = \sqrt{\frac{E I_3}{m l^4}}$ where ν is

the coefficient of frequency. The graphs of n against ν and ν against α are drawn, where $\alpha = f/l$. Examination of these graphs shows that for $\alpha < 0.2$ the horizontal forces of inertia may be ignored and for $\alpha > 0.2$ the longitudinal and transverse forces may be ignored. There are 3 figures and 3 Soviet-bloc references.

ASSOCIATION: Dnipropetrovs'kyi instytut inzheneriv zaliznychnoho transportu (Dnepropetrovsk Institute of Railway Engineers)

Card 4/5

RADZIKHOVSKIY, Yu.A. [Rdzikhovs'kyi, Iu.A.] (Dnepropetrovsk)

Vibrations of flat parabolic arches. Prykl.mekh. 6 no.1:54-64
'60. (MIRA 13:6)

1. Dnepropetrovskiy institut inzhenerov transporta.
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A., inzh.

Frequencies of natural vibrations of parabolic arches. Trudy
DIIT no.31:110-118 '61. (MIRA 15:5)
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A., inzh.

Natural vibrations of shallow compressed and bent parabolic
arches. Trudy DIIT no.31:119-131 '61. (MIRA 15:5)
(Arches--Vibration)

RADZIKHOVSKIY, Yu.A. [Radzikhovs'kyi, IU.A.] (Dnepropetrovsk)

Bilateral estimation of highest multiple characteristics of matrix
numbers. Prykl.mekh. 7 no.5:561-563 '61. (MIRA 14 10)

1. Dnepropetrovskiy institut inzhenerov transporta.
(Matrix mechanics)

L 3357-66 EAT(1)/EAF(e)/EAT(m)/EAP(w)/EAP(l)/ETC/ENG(m)/T/EAP(t)/EAP(b)/EWA(h)
 JEP(c) JEP/JEP/AT/AT

ACCESSION NR: AP5013473

UR/0185/65/010/005/0520/0524

AUTHOR: Lashkar'ov, H. V. (Lashkarev, G. V.); Paderno, Yu. B.; Radziyiv'ska, S. V. (Radzikovskaya, S. V.); Fedorchenko, V. P.

TITLE: Electric properties of Sm_2S_3

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 5, 1965, 520-524

TOPIC TAGS: samarium compound, lanthanide series, refractory compound, semiconducting material, electric conductivity, semiconductor band structure, sulfide

ABSTRACT: A method is described for producing compact specimens of samarium sesquisulfide and for measuring their thermoelectric power and electrical conductivity. These parameters were studied in the 300-1300°K temperature range. It is shown that Sm_2S_3 is a refractory semiconductor in which the forbidden band has a width of 2.96 ev. The lengths of the Me-Me, Me-S and S-S bonds are calculated in known sesquisulfides (Me_2S_3) of lanthanides with a Th_3P_4 structure, and in SmS , on the basis of ionic crystal radii. A comparison of these data shows that the covalent S-S bonds are strengthened at the expense of a reduction in the strength of the ionic Me-S bonds, which indicates that the chemical bonds in lanthanide sesqui-

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ACCESSION NR: AP5013473

sulfides are ionic-covalent. Interatomic spacing and the physical properties of SmS and Sm₂S₃ are compared. It is found that there is no quasi-extrinsic ^{4f} level in Sm₂S₃ and that the forbidden band in this compound is narrower than that of SmS. Orig. art. has: 4 figures, 2 tables.

ASSOCIATION: Instytut problem materialoznavstva AN URSR, Kiev (Institute of Problems in the Study of Materials, AN URSR)

SUBMITTED: 27Oct64

ENCL: 00

SUB CODE: SS, EM.

NO REF SOV: 007

OTHER: 005

Card 2/2

EP

RADZIKOVSKAYA, S.V.

Category: USSR/Analytical Chemistry - General Questions.

G-1

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30920

Author : Babko A. K., Radzikovskaya S. V.

Inst : not given

Title : Coprecipitation in Quantitative Analysis. Communication IV.
Study of Mercurothiocyanate of Zinc as a Collecting Agent.

Orig Pub: Zavod. Laboratoriya, 1956, 22, No 11, 1271-1276

Abstract: A quantitative study of the solubility of mercurothiocyanates of Zn, Cu and Co ($1.4 \cdot 10^{-4}$, $2.7 \cdot 10^{-4}$ and $4.8 \cdot 10^{-4}$ g-mole/liter) and of coprecipitation of Cu^{2+} and Co^{2+} with $\text{ZnHg}(\text{SCN})_4$. Coprecipitation is observed at concentrations of the microcomponents, which are considerably lower than their solubility, as such, and Cu^{2+} is coprecipitated more completely than Co^{2+} . Percentage content of Cu and Co in the precipitate increases with increasing concentration of Zn, but only in the case of an excess of mercurothiocyanate ions. A practically complete coprecipitation of Cu^{2+} and Co^{2+} is observed already with a ten-

Card : 1/2

-4-

PHASE I BOOK EXPLOITATION

SOV/3624

Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'-nykh splavov

Metallokeramicheskiye materialy i metody ikh issledovaniya; informatsionnyye materialy (Cermets Materials and Methods of Their Analysis; Information Material) Kiyev, Izd-vo AN UkrSSR, 1959. 55 p. 1,500 copies printed.

Ed. of Publishing House: I.V. Kisina; Tech. Ed.: A.M. Lisovets
Editorial Board: I.N. Frantsevich, I.M. Fedorchenko, G.S. Pisarenko, G.V. Samsonov (Resp. Ed.), V.N. Yeremenko, and V.N. Paderno.

PURPOSE: This collection of articles is intended for scientific workers, designers, and engineering and technical workers in the metallurgical, machinery-manufacturing and other branches of industry.

COVERAGE: In this collection of articles the authors describe the production of carbides, nitrides and other heat resisting compounds, giving their physicochemical and mechanical properties. Their thermal processing and the processing installations are

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Cermet Materials (Cont.)

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also described. A new method is proposed for the production of rods from refractory compounds. Certain compounds are analyzed, and the energy dissipation in materials during high-frequency mechanical vibrations is determined. No personalities are mentioned. There are 7 schematic drawings, 7 diagrams, 6 tables and 17 references, 16 of which are Soviet.

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Cermet Materials (Cont.)

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AVAILABLE: Library of Congress

Card 4/4

TM/jb
6-7-60

KOSOLAPOVA, T.Ya.; RADZIKOVSKAYA, S.V.

Determination of free carbon in chromium carbide. Zav.lab. 26
no.2:138-139 '60. (MIRA 13:5)

1. Institut metallokeramiki i spetsial'nykh splavov Akademii nauk
USSR.

(Chromium carbide--Analysis)
(Carbon--Analysis)